

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)Applicant(s): **Yoshinori NISHIWAKI et al.**

Docket No.

2002JP314DSerial No.
10/532,364Filing Date
April 20,2005Examiner
To Be AssignedGroup Art Unit
To Be AssignedInvention: **CHEMICALLY AMPLIFIED POSITIVE PHOTOSENSITIVE RESIN COMPOSITION**

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(Identify type of correspondence)

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(11)Publication number :

2001-281863

(43)Date of publication of application : 10.10.2001

(51)Int.Cl.

G03F 7/039

C08J 5/18

C08L 29/10

C08L101/02

G03F 7/004

G03F 7/033

G03F 7/38

G03F 7/40

G03F 7/42

H01L 21/027

(21)Application number : 2000-090853 (71)Applicant : JSR CORP

(22)Date of filing : 29.03.2000 (72)Inventor : OTA KATSU

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(54) RADIATION SENSITIVE RESIN COMPOSITION AND METHOD FOR PRODUCING PLATED/SHAPED BODY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a positive type radiation sensitive resin composition giving a pattern free of cracking even in plating and even by washing and drying after plating, capable of precisely forming a thick plated/shaped body such as a bump or wiring and excellent also in sensitivity, resolution, etc., and a method for producing the plated/shaped body using the composition.

SOLUTION: The positive type radiation sensitive resin composition contains (A) a polymer having an acid dissociable functional group which is dissociated by an acid to

form an acidic functional group, (B) a poly(vinyl lower alkyl ether), (C) a component which generates the acid when irradiated and (D) an organic solvent. The composition is also used as a positive type radiation sensitive resin film. The plated/shaped body is produced through a step for carrying out electroplating using a pattern formed on a substrate from the composition or the resin film as a template.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]